

Safety with magnets

A new magnetic safety lifting system, manufactured by Eclipse Magnetics and distributed by Certex (UK), is now available. Using a Safety Shim system it guarantees a safe lift on all occasions.

The Safety Shim system introduces a specified air gap, a non

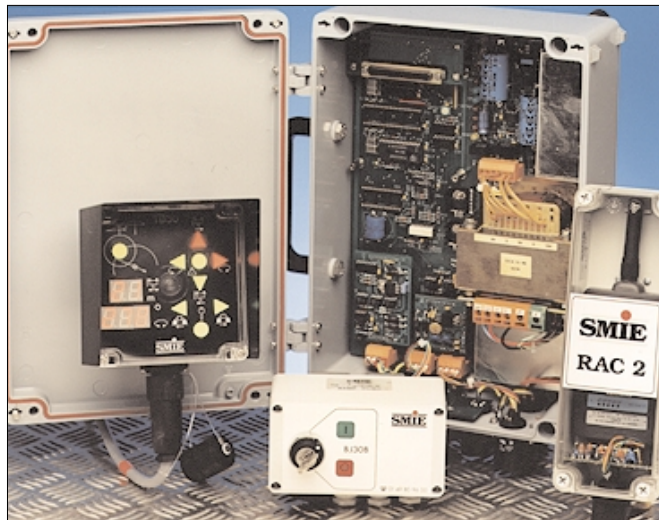
magnetic discontinuity in the magnetic circuit between the Ultralift magnet and the component being lifted. This has the effect of guaranteeing a 3:1 safety factor irrespective of unknown weights, poor surface conditions, or if the material is below a stated thickness.

Stuart Anderson, sales and marketing co-ordinator at Certex (UK), said: "By reducing the capacity of the magnetic lifter by a factor of three a pre-test lift can be made. If successful with the specific air gap, then once removed the operator can be confident that the required safety factor exists."

New rental service

Cranesafe has introduced a rental system for its SMIE anti-collision and crane zoning system. Tim Rowley, managing director of Cranesafe said that the service was already being welcomed across the industry. "Introducing a rental scheme for our anti-collision and safety systems is aimed at offering flexibility to our customers.

"Crane companies are



now tending to reduce the amount of time that a crane is actually used on site, so outright purchase of a

Cranesafe system may not afford the quick rate of return on capital that smaller companies require."

Fall arrest kit

Miller, a division of Dalloz Safety, is offering a DuraFlex fall arrest kit to scaffolders. The kit consists of one single point DuraFlex harness, a 1.75 metre lanyard complete with shock absorber and scaffold hook, and comes in a handy 'pick and go' small plastic carry case.

The DuraFlex harness stretches naturally with every movement of the wearer, giving a better fit and guaranteed comfort. The special blend of polyamide and elastomer works with, rather than against the wearer delivering greater mobility and reducing fatigue.

Anti-collision

UltraGuard is the latest anti-collision device for overhead cranes from Cattron-Theimeg UK. When installed on a moving crane, with either manual or remote control,



UltraGuard will, as a result of three user-set ranges, successively warn of an approaching object, slow down and then finally stop travel.

The system can detect other cranes or an end wall in a typical working environment using coded packet transmission and high accuracy flight-time measurement. This achieves noise immune, accurate distance location. Cattron claims that the use of UltraGuard in high activity areas – with a busy workforce in the same area – can make a significant contribution to preventing damage to property and injury to personnel.

Emission-free

Pyroban Envirosafe can supply and install a range of catalyst and filter systems for the

treatment of exhaust emissions in off-highway applications. For diesel applications Pyroban Envirosafe offers the PTX two-way catalyst, which controls CO and HC emissions, the EWR Soot Filter to

control diesel particulate emissions for heavy-duty applications and STX Soot Filter to control diesel particulate emissions for light-duty cycle applications.

For LPG applications the

company offers the PTX two-way catalyst, which controls CO and HC emissions and the TWX three-way catalyst which will reduce up to 95 per cent of CO, HC and NOx emissions.